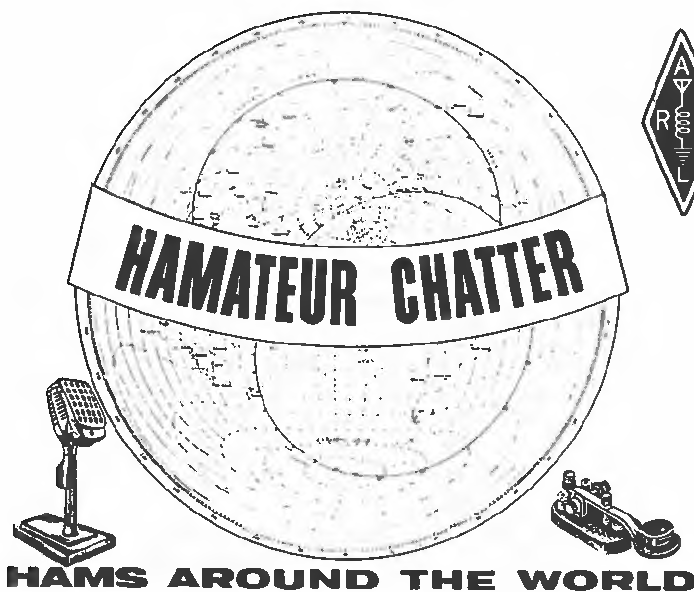


# The Milwaukee Radio Amateurs' Club, Inc.

*The World's Oldest Continuously Active Radio Amateur Club*



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Meetings on the second Thursday of the month at MSOE, 1020 No. Broadway, 7:30 p.m. -- Everybody Welcome!

## PRESIDENT'S NEWS AND VIEWS

This winter has been rough on us but not as rough as some of the people near Los Angeles or around Pensacola, Florida. I received three calls from people, that I have never known, asking for help in getting information about their loved ones in those areas. Fortunately, I was able to get a message thru and a reply for each the same day. The hams on the other end were doing a terrific job.

In times of disaster, those that know about Amateur Radio turn to us for help. Others call the Red Cross. One call was from a woman that called the Red Cross first and as I was not home, I was not able to help. I am not sure whether she got help from another one of you or not. Let's make sure that the Red Cross has enough referrals so that we will never let a person down on their request for help. Another way is that any amateur who gets a call, regardless if he has the facilities or not for direct contact, **TAKE THE MESSAGE** and be sure to get all the information possible--telephone numbers of both the sender and addressee--and relay either by 2-meter or by phone to someone that will handle the message.

Milt Krauthoff, W9BTQ did a very good job of showing us a way of testing diodes at our last meeting. On the air I heard discussions on his program. They were all very complimentary and some expanded ideas that were not expressed at the meeting. When we have an informative program I ask that any of you speak up and help. I know that Milt would have welcomed your comments as would any of our own people giving a program. Harold Engelke, K9CMX is going to give us some information on transistors in our April meeting. Harold has a lot of know-how in this area.

Dick Oberholtzer, W9VPZ

## ANNUAL MEETING AND ELECTION

The regular meeting in May (13th) is the Club's Annual Meeting and the election of officers. Everyone is urged to attend. Sherm Carr, W9NGT is giving a lecture on the Resistance Nomograph. Everyone attending will receive a copy.

## AREC AND EMERGENCY NETS

New Chairman for AREC is Dave WA9POV and Secretary, Chet W9CTI. Flood reporting net is being organized. Al, W9ESJ has been appointed River Network Coordinator with stations at 26 points. There is need for other reporters on 3985 KHz at 1700 local time. Those interested contact Al at 672-1562. The Emergency Flood Net previously covered 29 out of 30 locations. The ham coverage was praised by Col. Hesse of the Corps of Engineers for their cooperation last season.

Fourth of July Circus Parade will continue in Milwaukee despite the rumor of moving to Chicago. However, the Milwaukee GMO reporting will no longer be the AREC. Red Cross FM gear is now available for sale -- see Jack, W9ATK. Instruction reprints are available for the Mod. 100 TTY machine for a small printing fee.

Red Cross SET secret transmitter hunt was held in Hartford. Apropos to the simulated downed plane, it was in the middle of a cemetery, manned by K9OSK at 10 degrees below zero. Only casualty was Jack, W9ATK who was stuck three times in the snow. A critique was held at W9NGT's late r. Sherm, W9NGT is constructing a fancy RTTY system for the Amateur Weather Service System. The new system will speed up outbound weather information using a new constructed electronic package and changes in physical arrangement designed by Sherm. Bob K9KJT is organizing a "task force" for possible flood emergency work. Persons who can go out-state, see Bob. Further info on 146.67 over the AREC net Mondays at 9:00 PM and Navy MARS or contact Sherm W9NGT/NØZA. AREC members are urged to plan ahead and join in the many activities scheduled. The numerous parades and air show will be the main features. It is not necessary to be a member to participate, but why not join AREC--all fun, no dues!

All will be interested in getting Dave's new address: Dave Theophilus, WØNRW (ex-W9KWQ), 3100 S. 6th Ave., Sioux Falls, S.D. 57105

FCC commercial exams April 13th and amateur exams on April 14th. PLACE: Federal Bldg, 617 N. Jackson, Room 03 in the basement.



Since the beginning of radio, experimenters have tried to break away from the basic code transmission to communicate with voice and other means. Fortunately, much has been accomplished in this field and now we are blessed with many sophisticated devices available to the ham operator. Besides the old AM, we now have the very efficient SSB, RTTY, FM, TV and perhaps in time, ESP! The purpose of this editorial is to bemoan the ever-decreasing activity on the CW bands and the historical loss of segments of it. The CW-Fone "struggle" has been going on ever since the advent of the vacuum tube and has been reflected in assignment of more and more frequencies to fone. The case-in-point is the new proposal, FCC Docket 19162, for realignment of our frequencies, adding more to the fone bands.

This editor is in full agreement with Bill Ryburn, W9EG in his FB article "In Defense of CW" in Dec. 1970 C.Q. Magazine. This is recommended reading--even to fone men! There has been mounting pressure by various groups to eliminate certain code requirements but so far the FCC has not relinquished too much, just the Technician Class and--ugh!--CB. There is a grave danger of eliminating the CW requirements completely and subsequently the CW bands. We would be the last to advocate CW only, because fone certainly has many advantages: net operation and phone-patching, to name two. What we would like to point out is that basic communication (code) has many uses still and could be the last stand in emergencies. Another case-in-point is the Pueblo incident. With all the modern communication gear at their disposal, they suddenly found themselves with less than basic methods of contact. With surreptitious tapping of code, it is understood they maintained contact. The knowledge and use of CW, besides upholding our license requirement, amounts to much operating pleasure, also. CU on CW!

Chet, W9CTI

#### IMPORTANT REPRINT FROM "T X T" CHICAGO SUBURBAN RADIO ASSOCIATION

##### IT'S ABOUT TIME...

ACTION EXPRESS IN THE FEBRUARY SECOND ISSUE OF THE CHICAGO TRIBUNE PUBLISHED A QUESTION FROM A READER AND THE ANSWER GIVEN WAS REALLY GRATIFYING TO ALL RADIO AMATEURS. THE EDITOR HAS GRACIOUSLY GIVEN US WRITTEN PERMISSION TO REPRINT IT IN ITS ENTIRETY.

- G. "I MOVED INTO A NEW APARTMENT A MONTH AGO, AND SINCE THEN I'VE CONSTANTLY BEEN BOTHERED BY SOME JUNIOR RADIO HAM IN THE NEIGHBORHOOD. EVERY TIME HE TURNS ON HIS PILE OF TUBES, I HEAR HIS VOICE ON MY TELEVISION, MY RADIO, AND EVEN MY TELEPHONE. HOW CAN I STOP HIM?" MISS V.M., CHICAGO.
- A. "YOU CAN'T, WE WERE TOLD BY THE FEDERAL COMMUNICATIONS COMMISSION (FCC). IT MAY BE HIS TOY, BUT IT'S YOUR PROBLEM. -- 'WE WON'T INVESTIGATE AN INTERFERENCE COMPLAINT UNTIL THE COMPLAINANT PUTS FILTERS ON HIS APPLIANCES.' WE WERE TOLD BY THE FCC CHICAGO OFFICE. BUT IF INTERFERENCE GOES ON AFTER THE FILTERS ARE INSTALLED, THE RADIO OPERATOR IS PROBABLY OPERATING ILLEGALLY, SO WE'LL INVESTIGATE.' -- AS A PART OF YOUR SERVICE, THE TELEPHONE COMPANY WILL WORK ON YOUR PHONE TO ELIMINATE THE PROBLEM. LIKEWISE, APPLIANCE MANUFACTURERS WILL SEND YOU THE FILTERS ON REQUEST AT NO CHARGE. REASON: THEY SHOULD HAVE PUT THE FILTERS ON IN THE FIRST PLACE -BUT DIDN'T- IN ORDER TO CUT EXPENSES."

ALL HAMS OWE THE TRIB A VOTE OF THANKS FOR PUBLICIZING THIS. THE VIEWPOINT OF THE F.C.C. CAN HELP ALLEVIATE SOME OF THOSE CALLS THE CRANKY NEIGHBORS MAKE EVERY TIME SOMETHING DISTURBS THEIR FAVORITE T.V. PROGRAM. (Tnx "TXT" no further comment Dec...34)

##### CONSTRUCTION

Jeff, WB9AJP wants help on ATV.

Harold, W9BTI is making a Frequency Counter by hand wiring, not using PC board. Sort of a "Zenith" counter job, hi!

WA9MME should have his ST-5 operating on 2-meters by May.

W9NUE is looking for info on Fred Link Model MN.

After four years of continuous (?) effort, WA9JOV reached the "smoke test" stage on his 6-meter KW linear amp. Listen for him on 50.31 MHz.

##### MRAC VALENTINE DANCE A SUCCESS

The 10th Annual M.R.A.C. Valentine Dinner-Dance Party was held on Feb. 20th at Moser's Cafe, 3140 W. Lisbon Ave. The attendance was 120 people and all reported having a whale of a good time. Dinner was excellent, the beer flowed freely and party snacks were plentiful. There were door prizes galore--all the ladies got a door prize--many of the hams won two prizes as there were special door prizes for the Hams only. Major donors of electronic gear were: Heathkit Center, Amateur Electronics Inc. and Marsh Radio Supply Co. Other donors were St. Francis Savings & Loan, National Savings & Loan and First Federal Savings & Loan.

Dancing was from 9 PM to 1 AM to the music of the Jack Beres Combo which was excellent. It was good to see more of the Hams attending and especially some of the Old Timers. On behalf of the M.R.A.C. and myself I wish to say "thanks" to the above-mentioned donors of door prizes which contributed much to the success of these Annual Parties.

Russ, W9RKP

##### BAND ACTIVITIES

Ray K9KHW has been working DX SSTV.

Dennis K9MKC's XYL Gloria is now WN9GGB. Congrats! Gorgeous Gloria Baby!

Bob Stuckert WA9SYD, who was very active in the Club until he went to college, is now in the Air Force as a German Language Specialist, awaiting an assignment overseas. Currently he is at Goodfellow A.F.B. in San Antonio, Texas operating W5FPO. Steve WA9VNG has a sked with Bob on 21385 KHz at 4:15 local time on Monday, Wednesday, Thursday and Saturday. The station does a lot of fone-patching for GI's overseas. Chet W9CTI broke in and had a very FB three-way after seeing this news item. Listen for Bob.

New members Tony WA9OKB and Charley WN9FUH are working QRP on 40-meter band. Send us more dope on QRP, fellows.

Waukesha County Area Rag Chewers Club meets every Saturday at 10:00 AM. They need a good NGS to keep recalcitrants on freq. No stations mentioned but a hint to K9GKE. Check-ins welcome on 3905 KHz.

DUES ARE DUE FOR QUITE A FEW! WE KNOW WHO AND SO DO YOU! (from Logger's Bark, Tacoma Radio Club) Incidentally, from the same paper there's a rumbling of a challenge as to which radio club is the oldest continuous club in the U.S. (and the world). (We accept the challenge...ed, ex-W7DLN)

##### LIFE MEMBERS STILL PAY DUES

The following Life Members still wish to pay their dues to support the club: H. Charles Keetel, W9SNK, Henry (Art) Brown, W9EZP, and Joseph H. Stevens, W9GAH. (I make a motion to thank these fellows and to use their dues to subsidize the teenage members and further move to accept dues from other "lifers"....ed)

##### SUNSHINE

Bob, WA9TPU of Slinger is in the hospital in Hartford with a cardiac problem. He is doing OK but will be resting for a couple of months.

Rich, WA9TZU made a trip to the hospital. If you ask, he'll give you an "organ recital."

##### ROCK SHOW

Wisconsin Geological Society will hold its 14th annual Rock, Gem and Mineral Show at the Wauwatosa Recreation Building at 1155 North 73 St. (in Wally, W9YYW's back yard). Dates are May 22 and 23. See Lee Mushel, W9WRU for tickets at fifty cents. Fone: 464-1979.



The formation of the Wisconsin Chapter had been proceeding smoothly until the late heavy snows canceled the dinner meeting scheduled for April 20th in Neenah. We are also saddened to report that this same snowstorm took one of our members. L. B. Boles, W9VZP of Delavan, was a snow-shoveling victim Friday, April 19th. This prominent Old-timer had planned to join us at the meeting and will be missed by his many on-the-air friends.

The Sunday morning net (9:00 AM near 3985 KHz) has been well attended with about a dozen check-ins. The last Sunday (March 21st) a record 18 checked in. Because of the snow, Easter holiday and the Dayton Hamvention, the dinner date has been postponed until May 15th. The time is 1:30 PM dinner (eye-ball starting at 12:30 or so) at the Embassy Motor Lodge, junction of Highways BB and 41 between Neenah and Appleton. The new date should bring out more members. Over twenty couples had signed up previously.

Those who reported scores for the QSO party are: W9CAS, 141/35 secs 435 points; W9CTI, 33/15 secs 495 points; W9GF, 28/15 secs 425 points and W9ESJ, 19/10 secs for 190 points. Next party, more participate, more report! Last minute Sunshine note: Elmer, WB9CSQ is convalescing nicely after a major operation. He's missing one rib after a fourteen-inch resection. He is glad the dinner meeting has been postponed because he can now make it FB.

The following is an incomplete (and possibly incorrect) list of members: W9AQZ, W9BG, W9CAS, W9CCD, W9CM, W9CTI, WB9CSQ, W9CUA, W9CUJ, W9CUW, W9DXV, W9EDS, W9EHA, W9EJD, W9FY, W9GF, W9GIL, W9GPV, W9KHE, W9MDG, W9MNG, W9NRP, W9ONY, W9OUT, W9FH, W9RKP, W9RNZ, W9RQM, W9SZH, W9VQD and W9ZPV. Anyone interested in joining the Wisconsin Chapter, contact any member.

W9CTI

FOR SALE--SK101. \$100 or trade. Howie WA9RYF. 445-5925

#### HAMFEST BY YELLOW THUNDER RADIO CLUB

THE DATE: Sunday, May 23rd.

THE LOCATION: Dellview Hotel at Lake Delton near Wisconsin Dells.

REGISTRATION: \$5 before May 1st and chance for Early Bird Prize, \$5.75 afterwards.

ACTIVITIES: Xmttr hunt on 146.94 and 3985; WATS, AREC, NAVMARS and other meetings. Entertainment for XYLs and kids, CW contest, outside Swapfest, door prizes and more!

DINNER: Buffet chicken and ham dinner at 6:30 with a program afterwards.

For more info and registration contact Jim Romelfanger, K9PKQ, 117½ Fourth St., Baraboo, Wis., 53913.

#### CODE AND THEORY CLASS

Reid, W9JWT is conducting code and theory classes at Waukesha County Tech Institute. The class is bursting at the seams with 130 enrolled. Watch for info on new classes to start this fall.

#### HOW IT ALL BEGAN....W9BTQ

Milt Krauthoff, W9BTQ, got his ticket back in the beginning of the 30's. Things were different then, no radio men called FCC; they were radio inspectors for the Commerce Department. Milt got his first ticket by mail. They had a rule that if you lived over one hundred miles from the Chicago office, you could get a ticket by agreeing to certain conditions. You had to swear that you could pass the examination, you had to agree to come to the inspector's office within one year and take the exam, and you had to further agree that if the inspector came to your town you would agree to take the exam then and there. This was all back in the dark beginning of the depression years. Since, like most fellows, Milt had only part-time work; almost all jobs were on-again off-again propositions; you would work one week and most likely be off the next. This was a bit rough economically, but it sure allowed lots of on-the-air time. Money for a phone rig was unheard of except for the very rich, so it was strictly CW. It was not at all unusual for Milt to work CW for four hours straight, then have lunch and work for another four hours or so. After being on the air for about seven or eight months, a gang of the locals pooled their money and drove an old jalopy to Chicago to take the Radio exams. Milt went along to take the formal exam for his general ticket, the one that he had sworn that he could pass. When the radio inspector started up the code machine at the ten words per minute that the rules called for at that time, Milt started to copy "T T T" for the letter "O" that the test started out with. It took a bit of slowing down to "get with it at ten" after racking the code out at over twenty-five as he had been doing. Don't ever try to tell Milt that operating on CW for eight to ten hours a day won't bring your code speed up a bit.

#### SAFETY FIRST NOTE

The 63 MPH winds we had recently brought to light the need for stronger hardware on guy wires for my 70 ft. tower. Previously, ¼" turn-buckles were used but after the winds, I found my guy wires sagging because the eyes had spread open. Fortunately, no damage resulted. Testing of this type of hardware indicated that only 400 lbs. was needed to open the eyes. Therefore, if you contemplate any tower erection, keep in mind to use hardware larger than you feel adequate.

WA9BPG

#### CHATTER MORE CHATTER

Paul Weeks, WA9DYD having recently passed his National Certification and Registry Boards in Surgery for OR. Technicians, has moved to Denver. He is taking a position at the U. of Colo. Medical Center Hospital. Paul was active in AREC and served as Chairman last year. Good luck in your new position, Paul!

Chet W9CTI as secretary now has no complaint about getting AREC news.

Mark W9EMV thinks his new HQ 170 is programmed for YL's. The first week he worked four YL's including one DX.

Yellow Thunder Smoke Signals gives Ken K9GSC the title of: Das Printencrankenschmeaerturner-inkenwiperoilengresser. Is this German-English or Inglish-Cherman!!

OT's sometimes have their day. Welly W9YYW, the juke-box expert was approached by a young tech to have tube circuit in a juke-box explained. The young squirt said that the transistor circuits were duck soup but he was stumped on tube circuits!



# SHORT SKIP FROM OTHER CLUBS AND ORGANIZATIONS



## FEEDBACK OZAUKEE

Bill, W9VLL demonstrated his homebrew TV camera. Faus, WA9GDA is taking typing lessons so he can copy 40 WPM CW. WA9UJK is in Elec Technology at MATC and is available for consultation--at a slight fee, of course. Danny, WA9RPB made a one-mile ATV transmission, a fine start. To quote a famous Chinese Ham (Confucius), "a 1000-mile trip starts with the first step." Hal, W9RXJ worked a 11 week to prepare that delicious GOOFU that Travis, W9VQD had requested. Well, Travis didn't show up so they have it saved for him in the refrig--he can have it next meeting!

Charlie, WA9CPE finally got an AC supply for his 2-meter rig. Now he can talk as much as he wants without his (crummy) battery going dead. ....BIG LIE DEPT NW QRT.....OM Field Day starts raising his head about now. A fantastic multi-element quads are being developed by WA9KBB and W9RXJ for the fone tent..."watch out CW tent!"... it's not any special news that anyone lost antennas and gear in the big wind and snows, but it would be big news to hear of anyone going scot-free, hi! Big News! Jeff is back to radio after seeing how the other half lives! Since Chet, W9CTI didn't attend the last meeting, on motion duly made and seconded, the Club voted him "FINK OF THE MONTH." (Finest Intellectual Newsmen of this Kakistocracy) (Moral: If you can't trust 'em, join 'em.....ed)

Ed Bach, WA9BMA

## HAMTRIX WEST ALLIS

The recent Novice Class has graduated ten prospective hams. Pat Keogh, WN9GKZ, Jim Chorszy, WN9GLA and Al, WN9FTL. Terence O'Laughlin is waiting for his ticket. Six more are waiting to finish their tests, having passed the code. As previously pointed out in Hama' Chatter, the WARC takes F.D. Seriously. Again under the guidance of Ron Gorski, W9KYZ the planning is progressing with the band captains already named. With all the new novices, a novice position is also planned. The tech articles are FB fills. A wide-band dipole by W9KYZ and a \$1.50 saline dummy load by WA9KRF are good reading.

Lynn Tamblin, WA9KRF

## SMOKE SIGNALS BARABOO

In the six-month activity contest, WB9BPS (got his advanced ticket since last report) leads the nearest competitor by more than 2X. Twelve have been reporting. New calls, all graduates of General/Advanced class conducted by Ken, K9GSC and Art, W9WSS are: Tom Luck WB9BPS and Art Gallagher WB9BPL, for advanced; Bob Becker, WB9EPT, Rev. J. P. Anderson, WB9EWR and daughter Sue, WB9EWP, new generals. New Novice Class started Feb. 2nd with Jim, K9PKQ conducting and assisted by WN9ECM. Homebrew equipment was demonstrated by WA9GYF, WA9VZP, and WN9FMU. Editor Jim, K9PKQ, in announcing the coming Hamfest (May 23rd, see announcement on Page 3) points out the difference between a hamfest and a swapfest. Some so-called hamfests are just glorified swapfests, but this one is going to be a real hamfest with prizes, contests, meetings, dinner, speakers and a swapfest, too. The "happy" committee is WB9BPL, K9YHO, WN9ECM, WB9BPS, K9GSC, WA9VZP and SS editor K9PKQ. The Yellow Thunder Amateur Radio Club has completed a very successful first-year operation.

Jim Romelfanger, K9PKQ

## BEAR FACTS

The BEAR's sixth annual Winter Party at the Westward-Ho on January 22nd is now only a pleasant memory, but it was pleasant! Eighteen were present enjoying the fine cuisine and special "nectar" thoughtfully provided by Ted Brammer and Bob Behrs. This party was also the date of Emmett W9DD's first ticket 51 years ago. Rumor is correct that W9QMD got a CB license--all in the line of company duty, though. Anything for Ma Bell! Bob Pirke, WA9RUX has now joined the merry-go-round. The tech fill of the Feb. BEAR FACTS was an enlightening article on the computer and the frosting on Jim Scanlon's entertaining dissertation on the "monster" at the Winter Party. (Just for fun, guess when the computer was first started--let the ed know--answer next issue) Megacycle Mac has got a new lease on life with a new exciter. Glenn Mattes, K9QHS

## KENOSHA RADIO CLUB

Kenosha Club, renewing their activity is now meeting the first Sunday of the month at the Bill of Fare Restaurant. Hams, CBers and those interested in radio are invited. Presently in the Club are: W9ILR, WA9PBC, WA9YTH, WA9TWY and WN9CTM. WA9YTG has moved to Springfield, Mo.

Corky, WA9YTH

## MISCELLANEOUS CLUB NEWS

Explorer Post #373 handled communications for the Boy Scouts' Klondike Derby using Navy MARS. Members there were WA9AWJ, WB9CNX, WN9EJO, WN9CDO, WN9FBR and WN9FUW. The code course given by the Explorer Post had 16 people of which 8 are waiting to pass the test.

Jeff Peters, WB9AJP

## DXCC NEWS

Hal W9RXJ is working lots of DX on 10 meters and is near DXCC.

After only two years on the air, Sus WB9BGJ will apply for DXCC.

John W9GIL stayed away from an important meeting to be in the DX contest. Anyway, wish you luck on 5BDXCC.

Russ W9RKP is on almost daily on 10, 15 and 20 meters CW and fone chasing DX for his DXCC Honor Roll. Will catch up with W9GIL some day, he sez.

Nate W2HH/9 now has Certificate #76 for 5BDXCC from W2-land.

## FREE ADS

FOR SALE--FB for novice SX140 ham-band recvr. Dicker at \$60. Mark, WN9EMV. 258-7897

Mike (no call yet, but soon) is looking for a novice rig. Call 774-4944.

FOR SALE\*\*NEW AMECO "BIU" standing wave bridge indicating unit and SWB remote SWR bridge unit. Also USED New-Tronics (Model CM-52) Reflectometer (SWR Bridge). Reid W9JWT, 782-8690.

FOR SALE--Hammarlund S200 speaker in orig carton. Also Halli SX24 speaker. Ray, W9ITD

## OZAUKEE AUCTION APRIL 17TH

GOING! going! gone....the Ozaukee Radio Club will hold its Spring Auction Saturday, April 17th at 1:00 PM. The QTH is at the Hill School, Junction of Highways 32 and 33 in Port Washington. Bring your goodies and pocketbook. The Club has some interesting surplus that is going to be put on the block cheap.